M. A. R. 57 (Rule 116)
Measurement Book

No. B

567636

erial No. 1st and final Bill

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency ..... M/s. Gnanendra Industry Contractor. Bangalore

ate of commencement of work ..... D.O. Receipt :

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Name of Works : Construction of S.Sm Wallah Survey No. 33, Mallasandra in Ward No. 13, in Shettyhalli Sub-Division.						
	Estimated cost Rs : 45.00 Lakh.						
	Workorder No : EE/DD/200/30/2017-18. Dt 21.08.2017						
	JOB. No : 013-14-000023						
	Modified Estimated cost = Rs. 39,43,843/-						
	Modified Technical Sanction No : CE/TS/258/17-18 - Dt 04-11-2017						

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

567637

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Earthworks excavating by manual means in ordinary soil, involving an average horizontal throw upto 2m and an average lift upto 0.30m. Excavated surface levelled and duly neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions Engineer in chg.						
	Qty vide this MB p. 56/674						
	# no (1) = 392.24 m³ @ 105/=						41,185.20
	2) Providing and laying in position plain cement concrete of mix. M-10 with opc cement @ 220 kgs with 40mm						
	and down size graded granite metal coarse aggregate @ 0.85 m³ and fine aggregate @ 0.57 m³, machine mixed concrete laid in layers not exceeding 15cms with compacted in foundn and plinth including carriage of all material, labour, use of machinery, curing complete as per specifications.						
	Qty vide this MB. p.no 56/675						
	# no (2) = 65.44 m³ @ 4691/=						306979.04
	3) Providing and constructing granite/ hmpl boulder size stone						

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

567638

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	masonry in foundation in C.M. 1:6 stone hammerdressed in courses not less than 25cm high bond stone at 2m apart in each course including curing all material, labour, curing complete as per specification.						
	(a) for foundation below G.L.	-	Qty inside this MB. p. 547638			306.96	
			Th no (5) :			295.94	
	(b) Above G.L.						
	Bonds Park	1	14.75	0.60	$\frac{1.05+1.16}{2}$ =	11.73	
		1	16.00	0.60	$\frac{1.20+1.70}{2}$ =	12.96	
		1	15.00	0.60	$\frac{1.40+1.6}{2}$ =	11.70	

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.35	0.60	$\frac{1.10+1.90}{2}$	= 13.82	
		1	11.60	0.60	$\frac{1.30+1.9}{2}$	= 11.83	
		1	13.30	0.60	$\frac{1.2+1.8}{2}$	= 11.97	
		1	12.50	0.60	$\frac{1.2+1.6}{2}$	= 10.50	
		1	14.20	0.60	$\frac{1.2+1.8}{2}$	= 12.78	
		1	19.40	0.60	$\frac{1.2+1.6}{2}$	= 16.30	
		1	15.80	0.60	$\frac{1.2+1.5}{2}$	12.50	
	Under Centre	2nd	23.00	0.60	$\frac{0.6+1.5}{2}$	= 28.98	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	front	1	16.00	0.60	0.60	5.76	
		1	16.00	0.60	1.50	14.40	
		1	1.60	0.60	0.60	0.57	
		1	30.00	0.60	1.20	21.60	
		1	8.80	0.60	1.50	7.92	
	Pipe Line Road	1	30.00	0.60	1.20	21.60	
		1	30.00	0.60	1.10	19.80	
		1	8.00	0.60	1.30	6.48	
		1	30.00	0.60	1.00	18.00	
		1	20.00	0.60	1.20	21.60	
		1	15.00	0.60	1.20	10.80	
						210.84	28,42,238.5
						@ 1653.00	

5/3/2019

M. A. R. 57 (Rule 116)
Measurement Book

No. B

56763

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Providing and laying in position reinforced cement concrete of design mix. M 20 with ope cement @ 320 kg/m³ with 20mm and down size graded granite metal Coarse aggregate 0.69 m³ and fine aggregate @ 0.46 m³ with super plasticizer @ 3% by contingent to I.S. 9103-1999-Re-affirmed-1-2008. machine mixed Concrete laid in layers not exceeding 15cms thick, Vibrated for all floors in front of factory. pedestal, socket walls, staircase, Return walls etc complete						

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

567640

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including attached plinths; columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses etc complete						
	(a) for plinth Beam						
	(b) for Coping Concrete Brick parts.						
		1	14.75	0.60	0.10	0.88	
		1	16.00	0.60	0.10	0.96	
		1	15.00	0.60	0.10	0.90	
		1	15.30	0.60	0.10	0.92	
		1	11.60	0.60	0.10	0.69	
		1	13.30	0.60	0.10	0.79	
	Indra Colony	1	12.50	0.60	0.10	0.75	
		1	14.20	0.60	0.10	0.85	
		1	19.40	0.60	0.10	1.16	
		1	15.80	0.60	0.10	0.94	
		2	23.00	0.60	0.10	2.76	
		2	16.00	0.60	0.10	1.92	
		1	1.60	0.60	0.10	0.09	
		1	30.00	0.60	0.10	1.80	
		1	8.80	0.60	0.10	0.52	
	Pipe line Road	1	30.00	0.60	0.10	1.80	

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

567641

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	0.60	0.10	1.80	
		1	8.00	0.60	0.10	0.48	
		2	30.00	0.60	0.10	3.60	
		1	15.00	0.60	0.10	0.90	
						24.57 m³	
				Total qty		71.25 m³	
				@		5588/m³	398145.00
5)	Disposal of debris to the final place of disposal with all lead & lift as per direction of Engineer-in-charge of the work.						
		qty as per		MB		372.24 m³	25,435.00
		@ 65/m³					

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
6)	Providing 7mm. steel reinforcement for RCC work including straighting, cutting, bending, hooks, placing in position, tying and or welding wherever required, tying with binding wire and anchoring to the adjoining members, wherever necessary complete as per design.						
		qty as per MB. P. No. 567637				6.67 MT	263114.71
		@				39491.48/MT	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	Providing and removing centering, shuttering, propping etc and removal of from work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses, cornices etc complete as per specification.						
	qty vide this mb. p. 567677						
	# 2(44+77)= 133.74 × 111.08					244.82 m² @ 272.38	66,684.17
						Total Rs	39,45,844.17

Chd a/c
17/3/2019

17/3/2019

M. A. R. 57 (Rule 116)
Measurement Book

No. B

567642

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8